

Application/Control Number: 10/812,108 Docket No.:
Art Unit: 3683 BA/Div App

Listing of Claims:

This listing of the claims will replace all prior versions, and listings, of the claim in the application:

Claims 1 - 16 (canceled)

17. (currently amended) A vibration damping device for an archery bow, comprising
an archery bow with a cylindrical projection,
a vibration damper formed of ~~an~~ a single piece of elastomeric material and having a cylindrical, ring-shaped base with an inner, cylindrical ring surface, and an axis along the length of the cylindrical, ring-shaped base, and a radius from the axis to the inner, cylindrical ring surface, the damper further comprising a plurality of fins extending from the ring-shaped base in a radial direction from the axis,

wherein each of the plurality of radial fins has a fin base at a proximal end of the fin at the ring base and a fin tip at a distal end of the fin, and wherein the radial fins are not constrained and are free to vibrate, and wherein the distance between the proximal end and the distal end of the fins is at least as great as the radius,

and wherein the inner, cylindrical ring surface fits over

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the cylindrical projection of the archery bow box.

18. (previously presented) The vibration damping device of claim 17 wherein the radial fins have a middle portion between the ring-shaped base and the fin tips, wherein the middle portion is concentric with the ring-shaped base, and wherein a concentric, cylindrical stabilizing ring is located in the middle portion and joins the radial fins.
19. (previously presented) The vibration damping device of claim 17 wherein the cylindrical projection of the archery bow is a mounting cup sized to be disposed within the inner ring surface of the vibration damper.
20. (original) The vibration damping device of claim 19 further comprising a foam insert disposed within the mounting cup.